

CLAIMS:

- Sub A1
1. An optical wavefront modifier for modifying a wavefront of an optical beam passing through the modifier, the modifier comprising a first and a second transparent electrode layer and a medium for modifying the wavefront in dependence on electrical excitation of the medium and arranged between the electrode layers, the first electrode layer comprising three or more electrodes of a transparent, conductive material, characterized in that the first electrode layer comprises a series arrangement of resistors, the electrodes being electrically connected to the series arrangement of resistors and the resistors being made of said transparent, conductive material.
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- 10 2. Optical wavefront modifier according to Claim 1, wherein the electrode layer comprises three terminals, which are electrically connected to the series arrangement of resistors.
- 15 3. Optical wavefront modifier according to Claim 1, wherein the electrodes have a configuration for imparting a wavefront modification in Seidel form.
4. Optical wavefront modifier according to Claim 1, wherein the series arrangement of resistors is integrated in the electrodes.
- 20 5. A device for scanning an optical record carrier having an information layer, comprising a radiation source for generating a radiation beam, an objective system for converging the radiation beam through the transparent layer to a focus on the information layer, and a detection system for intercepting radiation from the record carrier, characterized in that an optical wavefront modifier according to any of the preceding Claims is arranged in the optical path between the radiation source and the detection system.
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- Add B1

TOP SECRET